EXHIBIT F

ETHICON.INC.

a Johnson Johnson company
P.O. BOX 151
SOMERVILLE • NEW JERSEY • 08878-0151

October 15, 1992

cc: B. Matlaga
J. McDivitt

A. Melveger
RDCF

Mark Cafone

SEVEN YEAR DATA FOR TEN YEAR PROLENE™ STUDY: ERF 85-219

This report contains a summary of IR, IV, GPC, OM and SEM data supporting this study.

IR and IR Microspectroscopy (D.Burkley)

IR examinations were done for all explants at all sites to verify the suture identity for each explant. For all explanted sutures recovered from all 6 sites for every dog in this study, IR data showed each suture to be correctly identified.

IR microspectroscopy was used to examine cracked areas in ETHILON, Novafil and PROLENE™ explants. IR spectra obtained for cracked PROLENE specimens (Figure A) showed possible evidence of slight oxidation (a broadened weak absorbance at about 1650 cm-1). IR spectra obtained for cracked areas of ETHILON and Novafil did not differ from uncracked areas (Figures B and C), but expected IR absorbances for oxidation would be masked by the strong carbonyl absorbances normally observed for these sutures. Figures D and E show pictures of the areas examined by IR microspectroscopy for ETHILON and Novafil.

IV and GPC (E.Muse)

Gel Permeation Chromatography (GPC) was run on PROLENE sutures explanted from dogs after seven years. The GPC data was compared to data from a current 4/0 PROLENE suture. The results indicate that there was no significant difference in molecular weight between the 4/0 PROLENE control and the seven year explants.

The following PROLENE explant samples were analyzed:

Dog 1995 - site 3 (SR33853)
Dog 2007 - sites 1 and 6 (SR34003)
Dog 2008 - site 2 (SR34066)
Dog 2019 - sites 2 and 3 (SR34180)

The GPC analysis was run on the Waters 150C GPC at 140°C using 1,2,4 trichlorobenzene as a mobile phase with Waters GPC columns. The instrument was calibrated with polypropylene standards.

Inherent Viscosity (IV) was determined on ETHILON™ and Novafil sutures explanted from dogs after seven years. The IV data¹ was compared to IV data from one and two year explants. The following results were found:

- No significant differences were seen in IV values after one and two years.
- 2) Seven year IV values ranged from 75% to 93% of the one and two year IV values for ETHILON sutures.
- 3) Seven year IV values ranged from 75% to 90% of the one and two year values for Novafil.

The dog explant samples examined were from duplicate sites on four dogs for each time period (one, two and seven years). The IV data was determined using concentrations of 0.1 dl/g with HFIP as a solvent at 25°C.

OPTICAL MICROSCOPY and SCANNING ELECTRON MICROSCOPY (E.Lindemann)

Conclusions

- The 7 year in-vivo results generally substantiated the five year findings. They also closely correspond to the observations of explanted sutures from the dog that died prematurely after 6 years and 10.5 month implantation time.
- Degradation in PROLENE is still increasing and PVDF, even though a few cracks were found, is still by far the most surface resistant in- house made suture in terms of cracking.
- Of the eight explanted ETHILON sutures all showed heavy cracking and, in many cases, abrasion of the dyed surface layer. A decrease in the suture diameter was apparent in several cases.
- Cracks were not found in the seven Novafil explants. However a few longitudinal scratches probably due to mechanical damage and one longitudinal crack were observed.

Introduction

In November 1985 twenty-four dogs had been implanted with sets of ETHILON, PROLENE, PVDF and Novafil sutures for a ten year study. In 1990, after five years, explants from 5 beagle dogs were described in "TEN YEAR IN-VIVO STUDY SCANNING ELECTRON MICROSCOPY FIVE YEAR REPORT" by Elke Lindemann. The next explantation, after 7 years, was to start in June 1992. However, after 6 years and 10.5 months dog #1995 died prematurely. The microscopical examination of those explants was described in "TEN YEAR IN-VIVO STUDY: SCANNING ELECTRON AND LIGHT MICROSCOPY INTERIM REPORT ON DOG #1995 AFTER 6 YEARS, 10.5 MONTH, SR# 33788 and are included in the conclusion section of this report. In June of 1992 after 7 years, sutures were explanted from another set of 4 dogs. This report presents the results of the light and scanning electron microscopical examination of those explants.

¹SR33853, SR34003, SR34066, SR34180

Experimental

Four dogs had been implanted in November 1985 with the following 5-0 sutures:

	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6
Dog 2001	PVDF	ETHILON	Novafil	PROLENE	PROLENE	Novafil
Dog 2007	PROLENE	Novafil	ETHILON	PVDF	PVDF	PROLENE
Dog 2019	Novafil	PROLENE	PROLENE	PVDF	ETHILON	ETHILON
Dog 2008	ETHILON	PROLENE	Novafil	PVDF	ETHILON	PVDF

Starting in June of this year the above dogs were sacrificed in weekly intervals. Approximately 20cm long sections of the explanted sutures were received in microscopy in glass vials which were kept refrigerated until they were examined.

Also the explanted LC 100 clip with about 2cm of each suture bundle was delivered in the same vial. The clip and the attached sutures were still deeply embedded in the surrounding tissue. These 'not cleaned' sutures were supposed to answer the question whether the process of cleaning and tissue removal might be responsible for an observed cracking. The primary concern of this study was however to examine the long pieces of explanted suture. Most of these specimens were still surrounded with some tissue, fortunately at a level low enough not to obscure examination in the light microscope under transmitted light. It was possible to examine the embedded PROLENE suture where the cracking of the suture was seen through the tissue. For this reason and time constrains the clip-attached sutures were not examined at this time.

To show that the drying and coating with a metal under vacuum, necessary for SEM examination, did not introduce cracking and other surface defects each strand of each long suture was 100% inspected in the Olympus Light Microscope in water. Oil, the usual medium for light microscopical inspection, was not chosen for this examination in order to eliminate surface changes during sample preparation. To cut down on lensing effects of the curved suture, the samples were photographed in polarized light using a 10x phase condenser with an ordinary transmitted light 20x objective (a 20x phase condenser was not available). The light diffraction introduced by the phase condenser was enough to allow an easier focusing at the focal plane of the largest diameter. Photomicrographs were prepared at 285x of areas which showed surface changes.

Strands of the suture including the above areas were then prepared for SEM observation in the JEOL JSM 840 AII by coating them under vacuum with gold to provide an electron conductive surface. Photomicrographs were prepared at 500x magnification.

Results

1) LM and SEM of PROLENE suture explants from seven implantation site.

In Figure 1A through 1D one area per site from each of the four dogs is shown in transmitted light. Out of seven sites cracking was found on PROLENE sutures from three sites. Notice the cracks observable through the still adhering tissue in Figure 1A in the suture from site 2.

In Figure 1 and 2 SEM views of areas are shown after most of the tissue had been carefully removed. Again out of seven sites sutures from three sites had areas which showed cracking.

2) LM and SEM of ETHILON suture explants from six implantation sites.

In Figure 3A through 3C sutures are shown from six different sites. Transmitted light allowed visualization of the differences between the intact dyed surface layer and the underlying colorless layers of the suture. In Figure 3A site 5 and Figure 3C site 3 the colorless area had not only lost its dyed surface layer but was abraded to such a degree that a decrease in suture diameter was found.

In Figures 3 and 4 the cracking and abrasion on sutures from all six sites, as observed with the SEM, is shown. Here also the decrease in diameter is particularly dramatic in Figure 3 site 1.

3) LM and SEM of PVDF suture explants from six implantation sites.

Figure 5A through 5C show six sites of PVDF explants as seen with the light microscope. Notice the intact surface on all the sutures.

In Figures 5 and 6 the SEM examination of the PVDF sutures is shown. Only on the suture from one site (Figure 6 site 6) some cracks are found. The surfaces of the sutures from the other five sites show some striations which could be mechanical damage, otherwise the surfaces look intact. The contaminant on the site 4 (Figure 5) suture is tissue which had not been removed completely.

4) LM and SEM of Novafil suture explants from five implantation sites.

Figure 7A through 7C show the Novafil sutures as observed with the light microscope. All surfaces from all sites look undamaged. Figure 7 and 8 show the SEM examination of these sutures. A few longitudinal scratches and cracks were found, see sites 1,2,3 (Figure 7,8). Also on the site 2 suture (Figure 8) still adhering tissue is found.

5) Degradation dependency on implantation site

To probe the question as to whether one implantation site might be more or less stressful towards the suture, a comparison was made of the six sites.

	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6
Dog 1995	ETHILON cracks	PVDF	PROLENE cracks	Novafil	Novafil cracks	ETHILON cracks
Dog 2001	PVDF	ETHILON cracks	Novafil	PROLENE	PROLENE cracks	Novafil
Dog 2007	PROLENE	Novafil scratch	ETHILON cracks	PVDF	PVDF	PROLENE cracks
Dog 2019	Novafil scratch	PROLENE	PROLENE	PVDF	ETHILON cracks	ETHILON cracks
Dog 2008	ETHILON cracks	PROLENE cracks	Novafil cracks	PVDF	ETHILON cracks	PVDF cracks

The only site, in the 5 dogs of this study, from which sutures were explanted that showed no surface damage was site 4. However, of those five sutures three were PVDF and one was Novafil. Those are the sutures that showed only marginal surface changes in this study. Therefore this observation can be discounted.

Elke Lindemann

moun

Eugene P. Muse

Daniel F. Burkley

Attachment

7YEAR.DFB

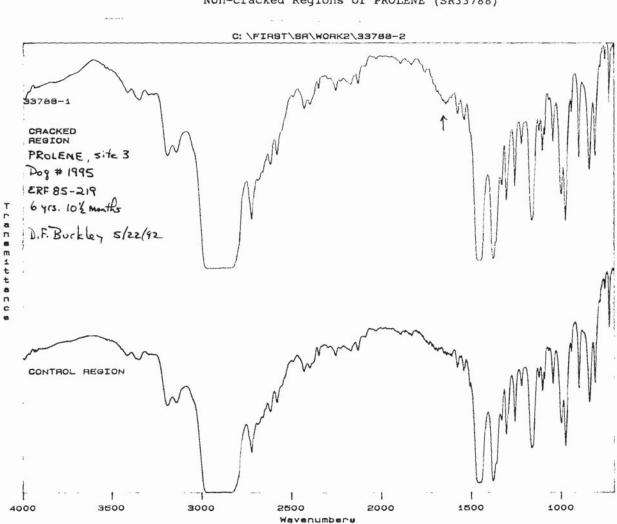
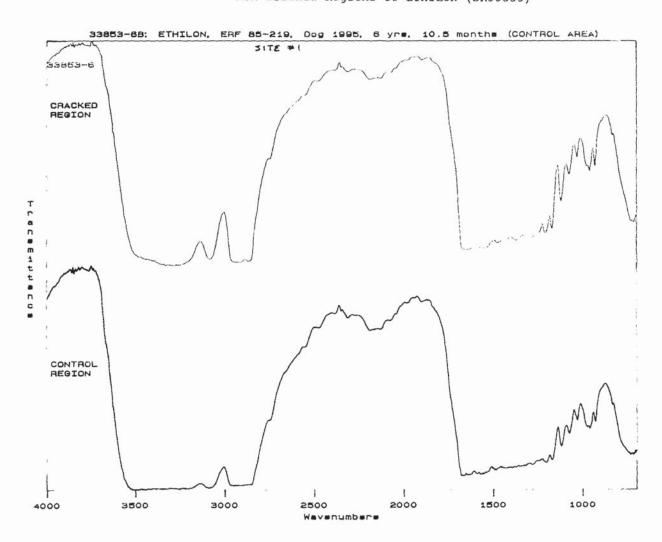


Figure A - Comparison IR Spectra of Cracked and Non-cracked Regions of PROLENE (SR33788)

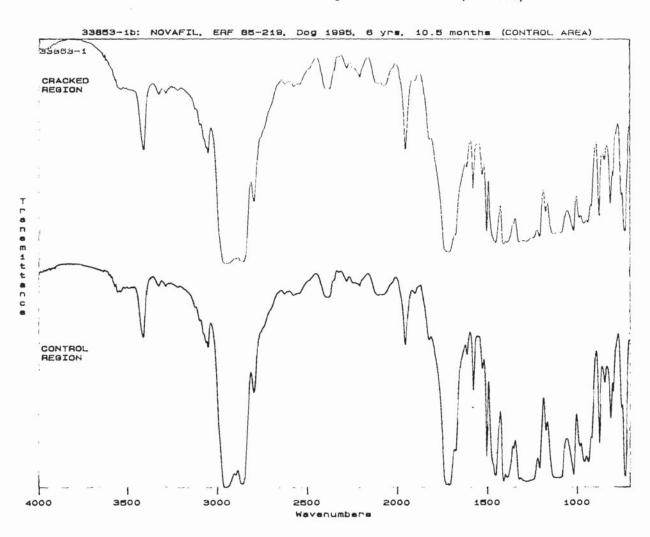
CONFIDENTIAL
SUBJECT TO STIPULATION AND ORDER OF CONFIDENTIALITY

Figure B - Comparison IR Spectra of Cracked and Non-cracked Regions of ETHILON (SR33853)



CONFIDENTIAL
SUBJECT TO STIPULATION AND ORDER OF CONFIDENTIALITY

Figure C - Comparison IR Spectra of Cracked and Non-cracked Regions of Novafil (SR33853)



CONFIDENTIAL SUBJECT TO STIPULATION AND ORDER OF CONFIDENTIALITY

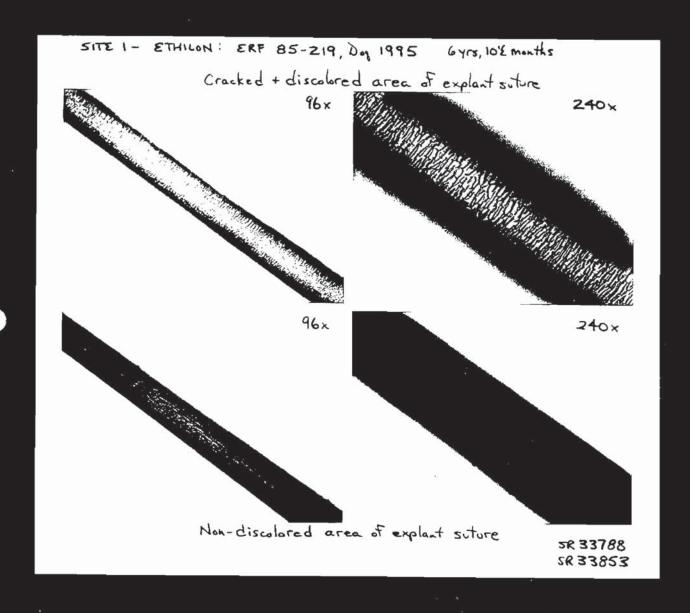


Figure D - Comparison Pictures of Cracked and Non-cracked Regions of ETHILON (SR33853)

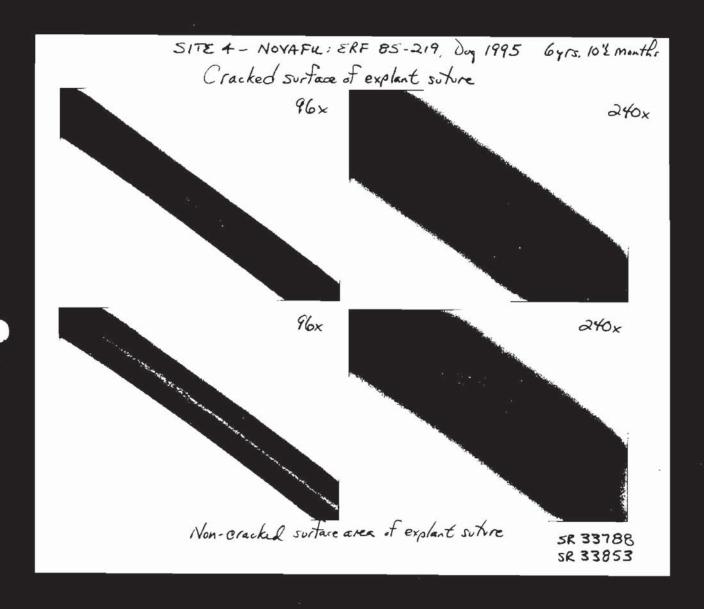
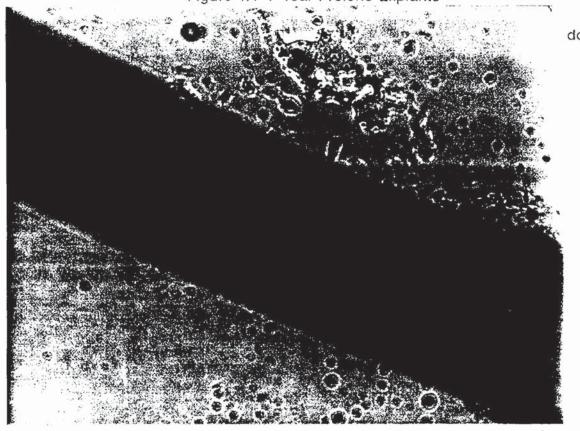


Figure E - Comparison Pictures of Cracked and Non-cracked Regions of Novafil (SR 33853)

Case 2:12-md-02327 Document 6884-6 Filed 10/18/18 Page 12 of 38 PageID #: 182037 Figure 1A 7 Year Prolene Explants



dog 2001 site 5



dog 2008 site 2

E. Lindemann 7/9/92 SR# 33985

Case 2:12-md-02327 Document 6884-6 Filed 10/18/18 Page 13 of 38 PageID #: 182038 Figure 1B 7 Year Prolene Explants

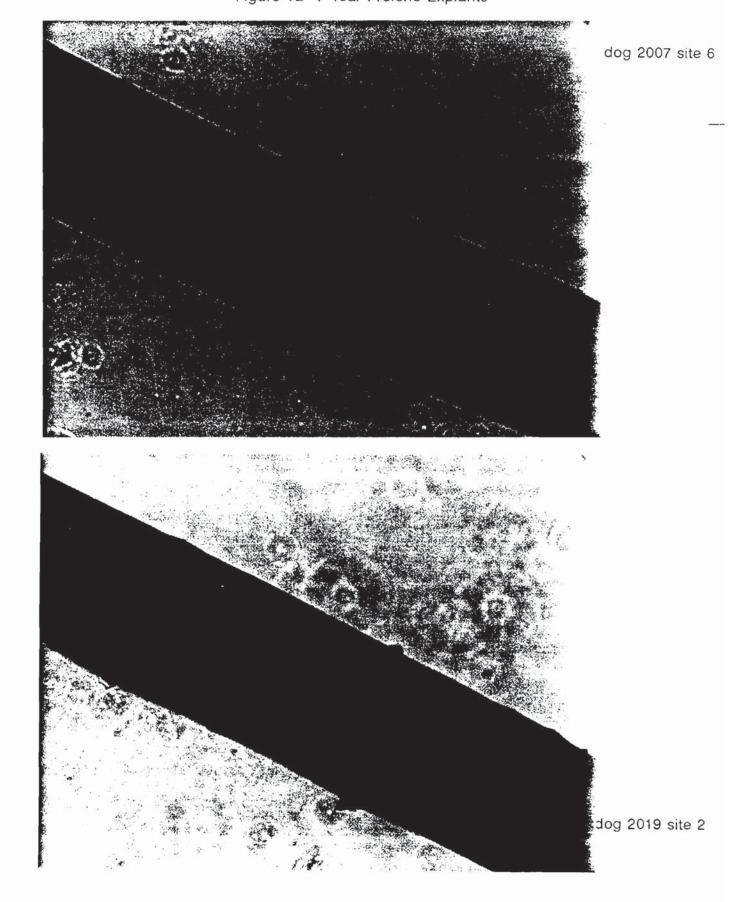
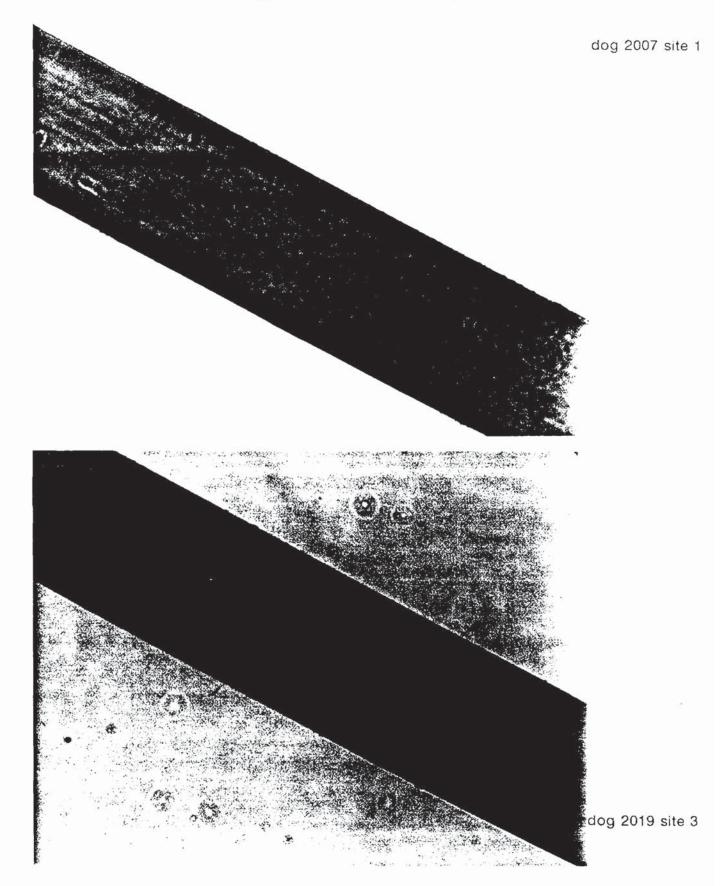
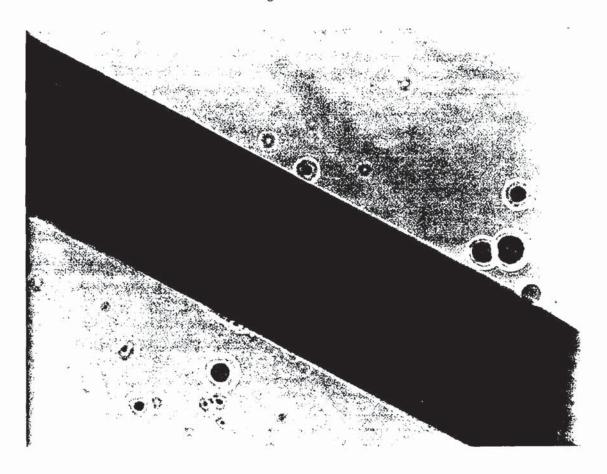
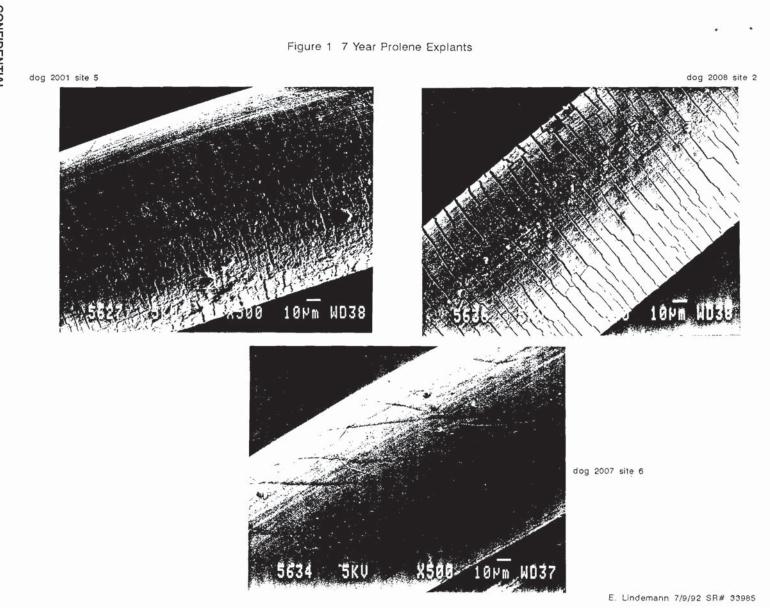


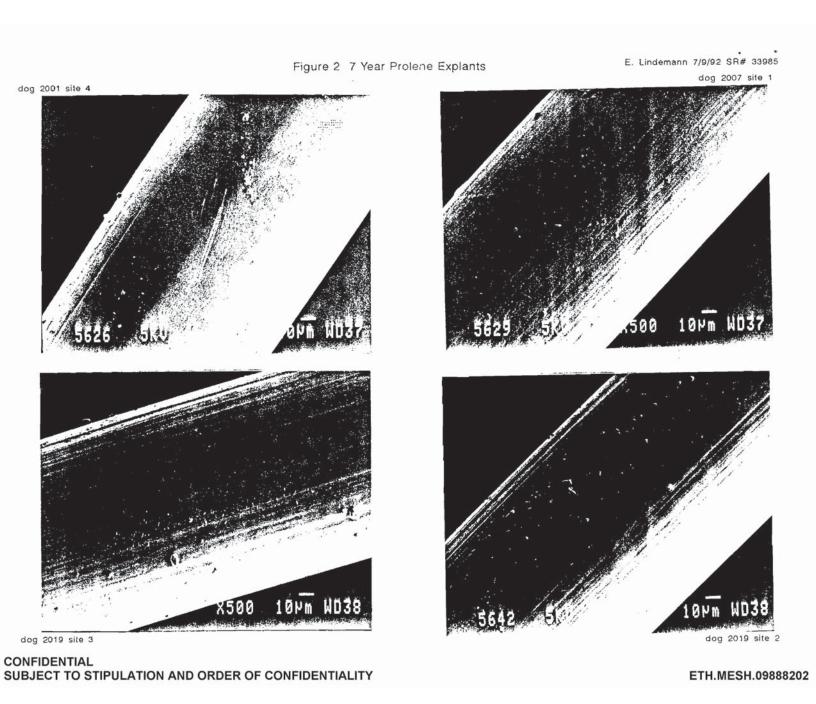
Figure 1C 7 Year Prolene Explants

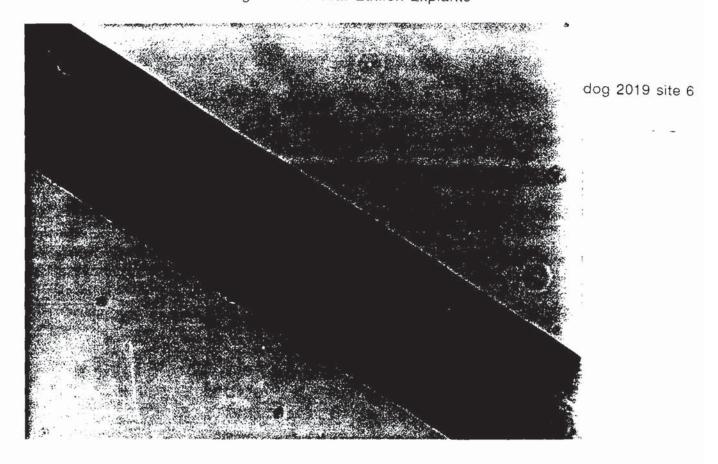












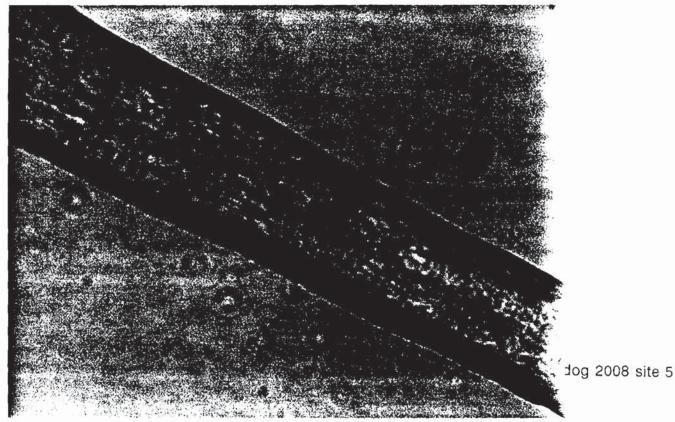
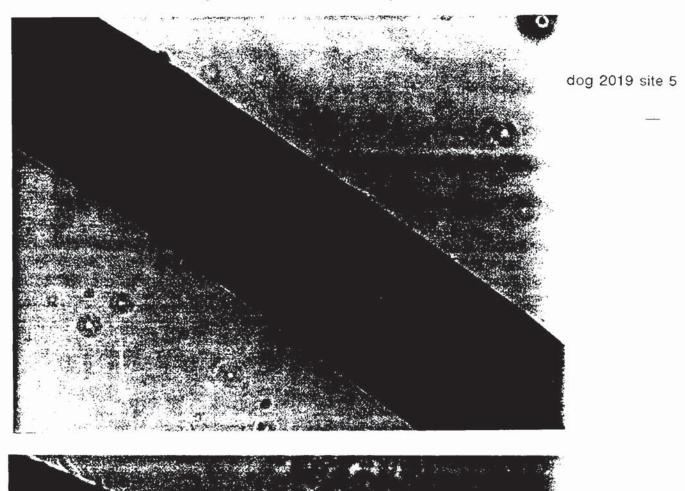
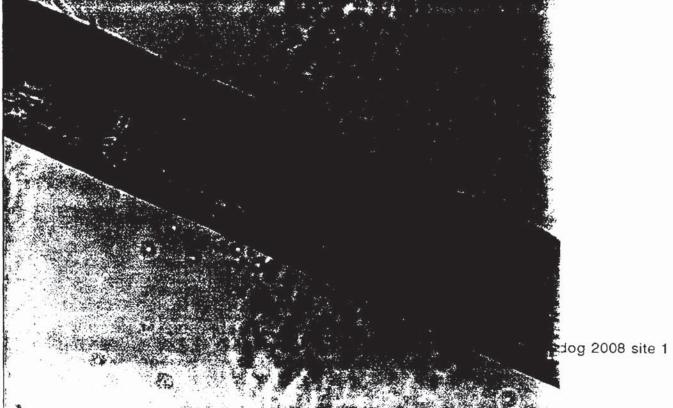


Figure 3B 7 Year Ethilon Explants

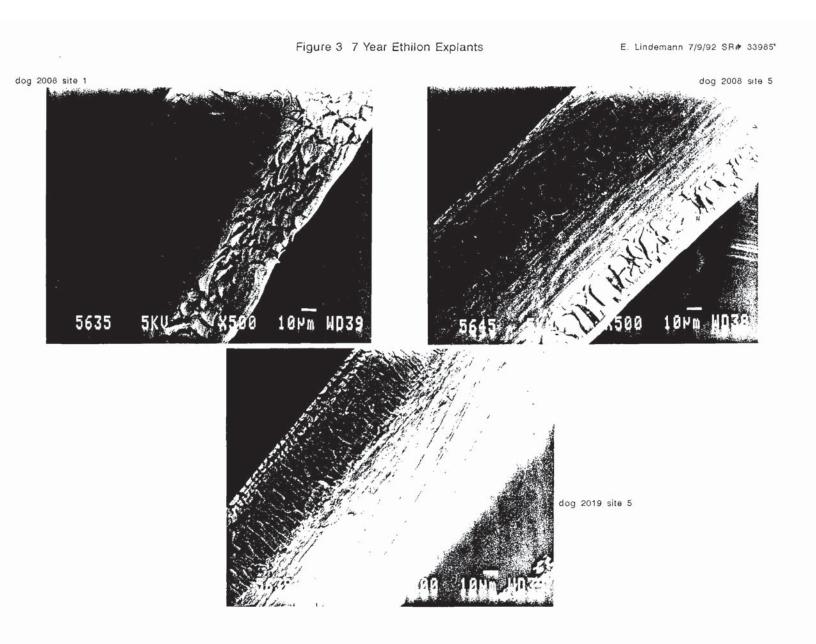




Case 2:12-md-02327 Document 6884-6 Filed 10/18/18 Page 20 of 38 PageID #: 182045

Figure 3C 7 Year Ethilon Explants





CONFIDENTIAL SUBJECT TO STIPULATION AND ORDER OF CONFIDENTIALITY

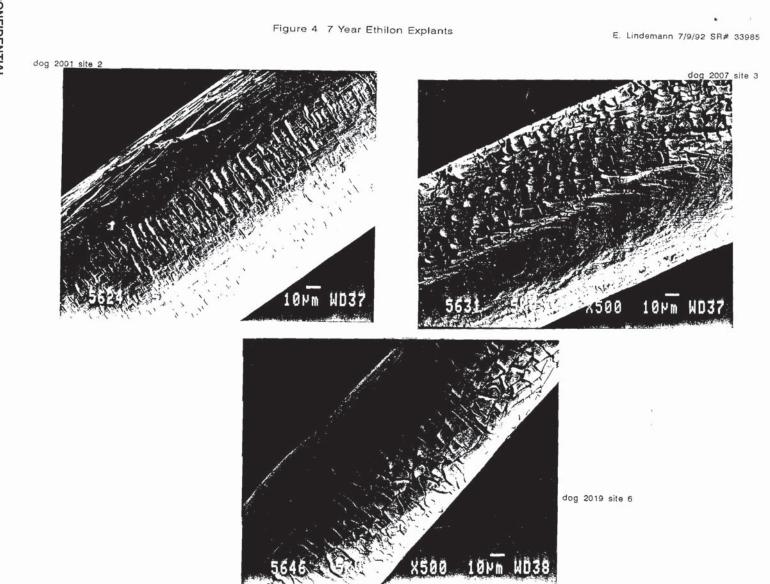


Figure 5A 7 Year PVDF Explants

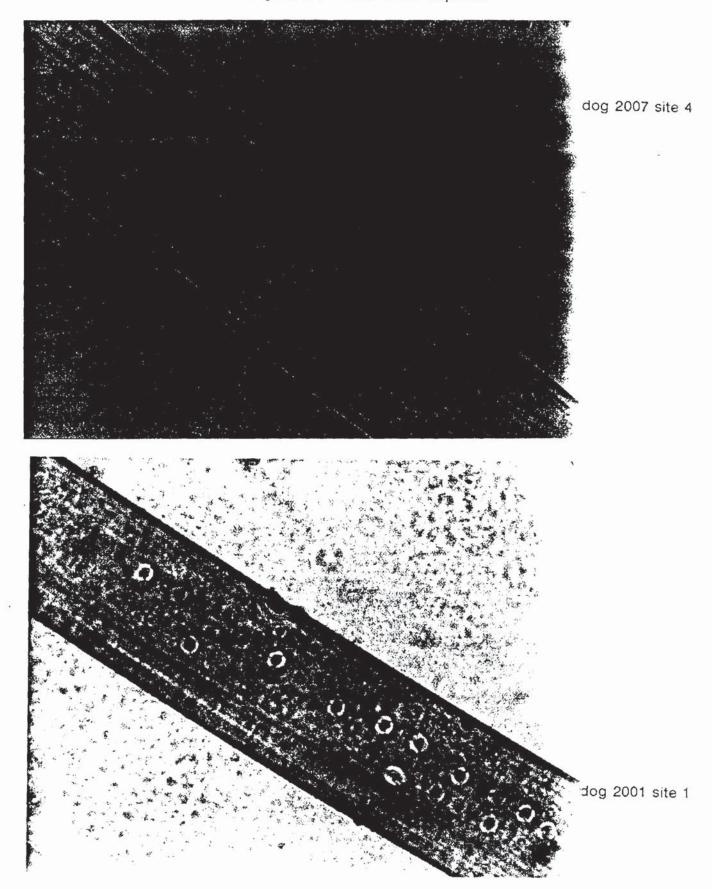
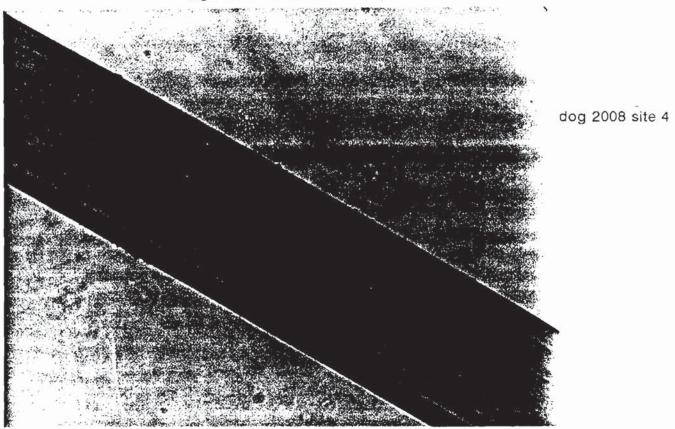


Figure 5B 7 Year PVDF Explants



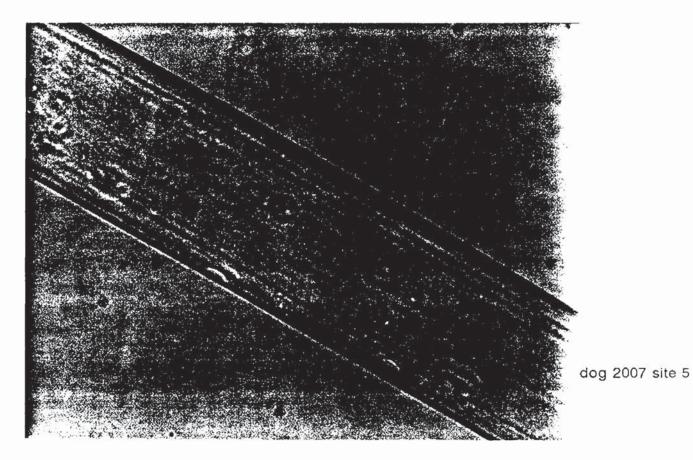
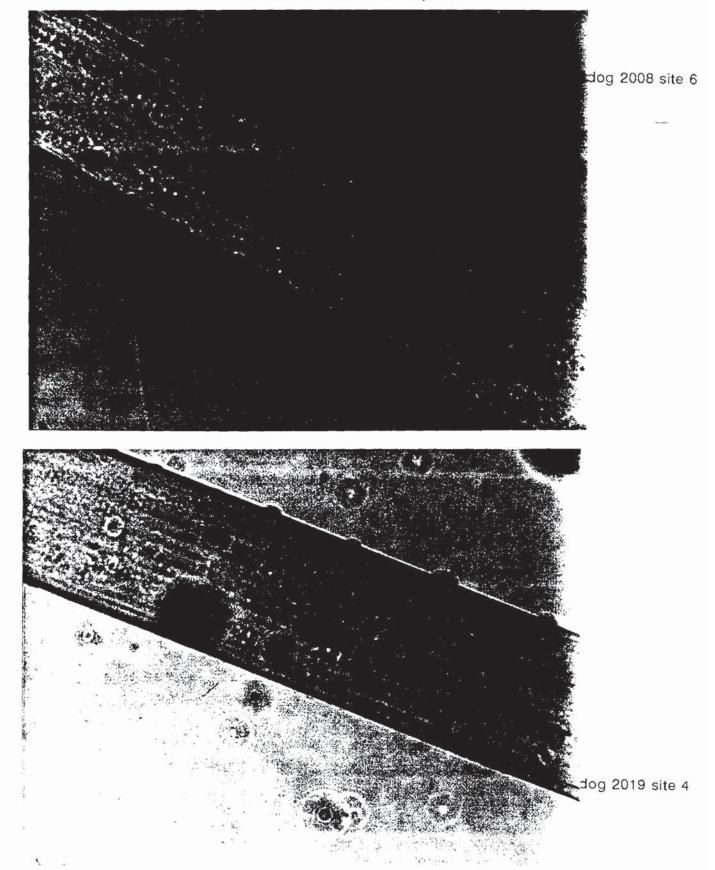
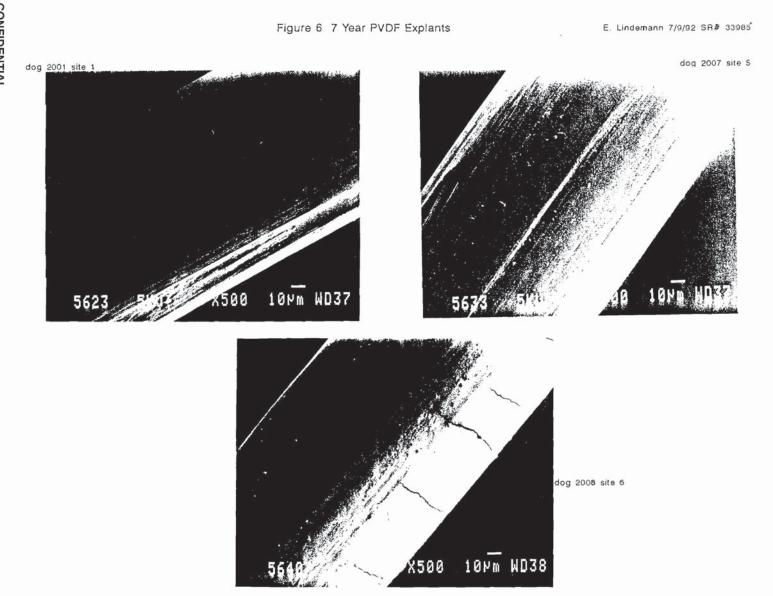


Figure 5C 7 Year PVDF Explants





Case 2:12-md-02327 Document 6884-6 Filed 10/18/18 Page 28 of 38 PageID #: 182053

Figure 7A 7 Year Novafil Explants



Figure 7B 7 Year Novafil Explants



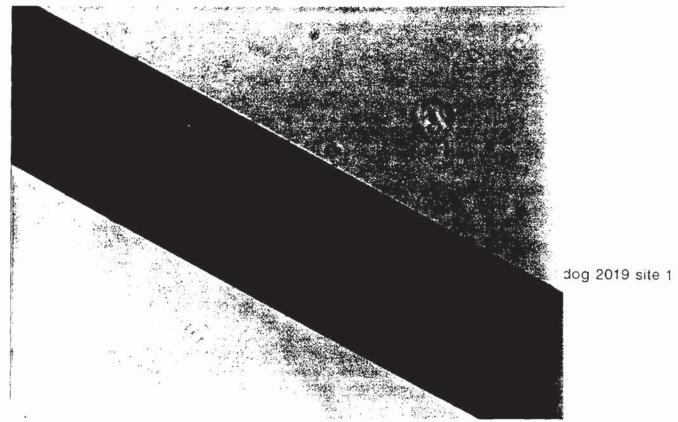
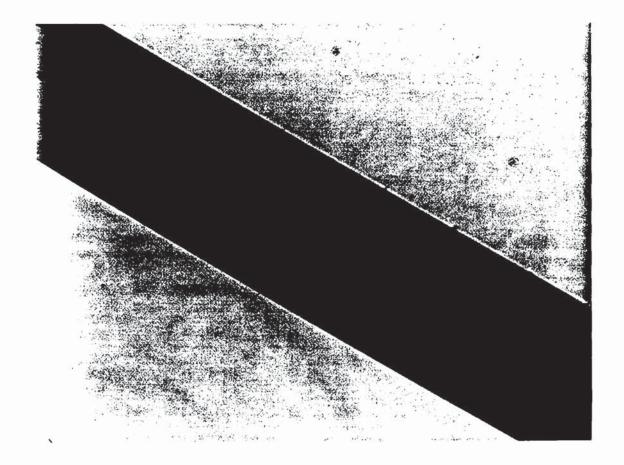
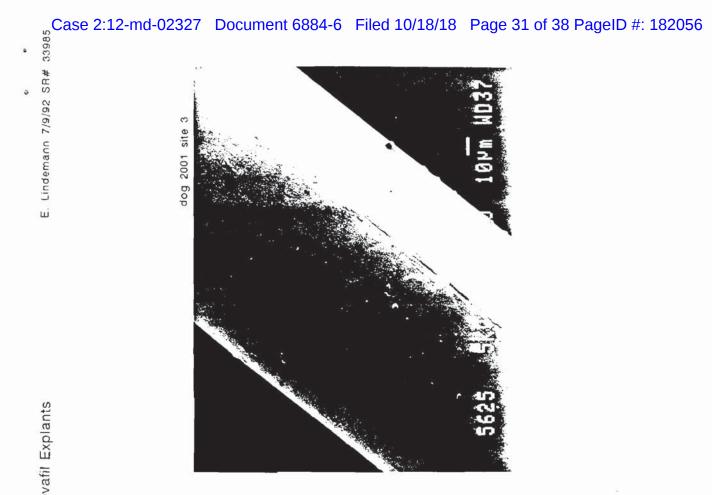


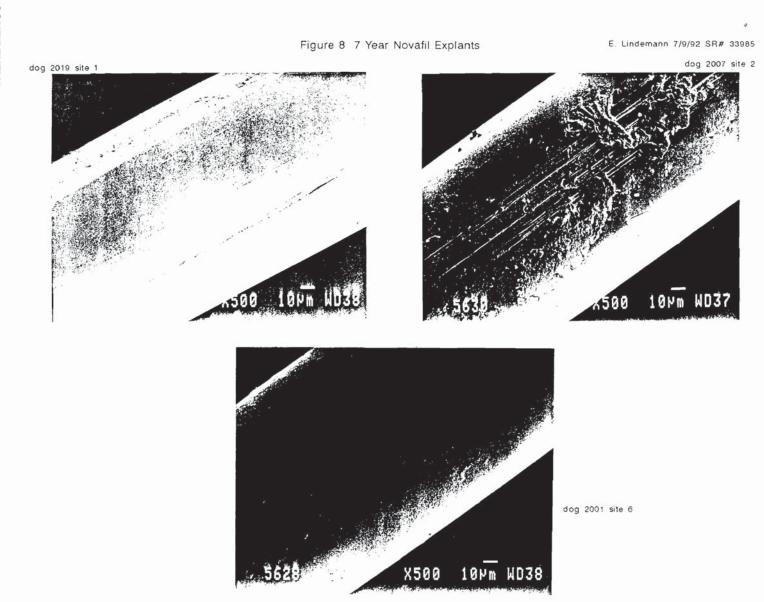
Figure 7C 7 Year Novafil Explants

dog 2008 site 3









Case 2:12-md-02327 Document 6884-6 Filed 10/18/18 Page 33 of 38 PageID #: 182058 3028

340020

ANALYTICAL CHEMISTRY DEPARTMENT

34003

REQUESTOR	DEPARTMENT	EXT.	DATE SUBMITTED	PROJECT NO.	REQUESTOR'S MANAGER AUTHOR	IZATION
V. AGARWAL	64523	X2205	June 239	2 16102	B. Mattag	æ
SIZE 5-0, (DOG #			WT)			
SAMPLE IDENTIFICATION, SPECIAL STA I. NOVAFIL SITE Z 2. ETHILON SITE Z 3. PYDF (Undyed) SILC 4. PYDF (Undyed) SILC 5. PROLENE SITE 6. PROLENE SITE SAMPLE DISPOSITION DE ATTACHED SENT TO SILC 0 CONTACT REO.	} 7 Ye	ar Explan To Year Prola BSR st	TS NMR	TLC (V) T	SC OM %: PPM GA HSM 0, H,O MA SEM DYE MO DMA EDXA CRYST EIN DATA	ETO NO COMP
0 RETURN	-		<u> </u>	_	NO. SAMPLE	s
examined by FT-IR.	uh explort-PRUENE:	Were prepa	red as hut	-pressed Lip orresponds to	polypropylene Nova fil (p-lybethylim Te	implithe
SITE 2-	NOVAFIC :		_		Novatil (- poly butoxy et	ther.
5me 3-		., ~			Nylon 6 (ETHICON)	
JR11- 5178 4-			·		obvinglident flucide	
10/8/92 5172 5		·		2	polypapylin	Mariana and
517E 6-					perpapylian fluende	
			Janu 7	F3 = 71	18/92	
SAMPK IV/d	. 2 .		\cup		**	
ETHELON SITES. 1.		rbon R. Rey lan	le NB à	2519-50	9 F	
SAMPLE TY	HALANW	for piale	me IV MW/1	M	6 888 28	
Novafilsite2 :	32,000	18,000	1. 8	,		
	57,000	27,000 Obin R. Ko	1/2/2 1	IB 2519-5	·	
***	Mw · //	MN	714102 71	Mw	MN 6-23-	72 Pz
Prolene Site 1	322,000	69,000	Current 4/	324,000	4 00	
Prolene Site 6	323,000	43,000	,	,	*	
conclusions/comments: Comparison of 7 year inclicates no signific	640 m B	Corrent 4/01	Prolene sutu	nes 250	R f. (6 34003 160-94	
ANALYST Eugene Muse, ANALYSTISUPERVISOR	DATE ANALY DATE ANALY DATE ANALY	M K MUM A	Me	DATE DEPT MA		DATE
F140 206 (Rev. 4/85)	6	agent of		the the		

Case 2:12-md-02327	Document 6884	-6 Filed 10/18	/18 Page 3	4 of 38 PageID #	SERVICE REQUEST #4
J 2095		L CHEMISTRY			33853
					9,1 of 2
REQUESTOR	To Gene Mus DEPARTMENT ** EXT.	DATESUE	MITTED PROJECT	^^	MANAGERAUTHORIZATION
VISH AGARWAL	64523 X	2205 19 ^m N	1ay 92 16,	102 B. 11	lattage
SAMPLE IDENTIFICATION, SPECIAL STO	PAGE CONDITIONS, PRECA	AUTIONS	ANALYSIS BEOLI	ESTED/PURPOSE:	
Samples from Dog # 17 Long term Prol			(R) DATO (GPC DSC OM	% ; PPM 0, H ₃ O ETO
				XRD TMA SEM	DYE MONO
NOVATIL (SILE 4) NOV ETHILON (SILE) PRO PVDF (SILE 2) ET SAMPLE DISPOSITION	LENE (SIRES)	Don't twee	OTHER.	DEN DMA EDXA	CRYST COMP
PVDF (Site 2) ET	HILON (Site)) Drimar	Can	attacled	protocol
SAMPLE DISPOSITION ATTACHED SENT TO SE	JPERVISOR/ANALYST TO		- SU	anacien	paracoc
ATTACHED SENT TO SE O CONTACT REO. SUN LIVE OF RETURN	Historia !	une ?	See SR3	3788 For SEM	NO. SAMPLES
performed on repres	respect ros copy (for SEM, see	233188) -	- IR microspe	thereipy was
pertormed on repres	et tire sample	á tKat exhib	ited surta	ce craking. 1	he dollowing
Samples were exam NovaFi ETHICOM	rined by III MI	icrospectroscepy	i	14	0 0
NOVAFI	(SITE4)	reture O L.	Mplis, The e	Aplant was exami	IR mir a to taken
PROLENS	E (SITE 3).	piciorca	_om price_	in cheminal st	In inclusional restory
	J T	is sample was	examined 1	or IR microspec	troscopy without
	a,	ry sample pres	arition - at	ter which it wa	s gild coated
		and examin	ed by SEn	n (See 52 337	88).
	E (5723) 3 A T			,	
IR spectra obtain Cracked ETHILON with	ud from IR M.	cospectionapy	show no	differences who	in comparing
cacked or discolor					
expected oxidation a by the ester carbo	Sicr Sances as	i kny + in	the make C	racking world	faid to
was observed for	. /		THE MARKET	2010ence	*/ GAICE/165
and the state of t	1,1-4.711-0001110	701110			
All samples exe	emined and a	moven ted on	as descri	Sed above we	ene originally
sobmitted with s	R 33788, 1	- ,	1	,	ř .
		-101		/ 5	-19-92 R
D -	Jan	utt 5/	- 5/22/	92-	
CONCLUSIONS/COMMENTS:				REF	
Samples must 1	æ relinge	sated un	till tested	. Theres	you.
1 0.				Ago	shed
ANALYST TR	SZZZ ANALYST		DATE	SECTION MANAGER	DATE
AMALYST/SUPERVISOR	DATE ANALYST/SUR	PERVISOR	DATE	DEPT. MANAGER	DATE
El 40·206 (Rev. 4/85)	ANAIVTIC	ON CHEMISTRY DE	PT COPY	JAKES	megse 17/23/5

Case 2:12-md-02327 Document 6884-6 Filed 10/18/18 Page 35 of 38 PageID #: 182060

SAMPLE CONTROL # J Z095

ANALYTICAL CHEMISTRY DEPARTMENT

PAGE 2 OF 2

SERVICE REQUEST NO.	ANALYSIS REQUIRED	ANALYTICAL SUPERVISOR
33853	GPC, IR Identity	
identity. From	explanted samples were , the IR spectra generated, = 1 : ETHICON (Nylon 6 -: PVDF (p.17 ving):	
1995 SITE 1995 SITE	3 . 0.1. (.1. /	m) {enph the lake - poly botoxy ether)
5//2	G ZINCON (NYION 6)	The state of the s
	Jan	R f. 6/15/92
SAMPLE Novafil (Ste4) Novafil (Ste5) ETHILON(Ste1)	IV/dlg 0.73 0.82 1.25	
THILDN (site 6)	1.24 Robin	R. Rag lande NB 2519-31
Sample Sample Nova fil (sity) Nova fil (sits) 3	t sample for prolene MW MN 1 32,000 18,000	IVID 1W/MN 1.8 2.8 m. 1.8
EthILON (site b)	61,000 30,000	2. 1 Robin Rlay James NB 2519-34
11.	MW MN	to a 4/0 Prolese suture
Dog#1995 Site	3 327,000 59,000	D (2.)
Current 4/s Prole Results in	me 324,000 60,000 duate no degradation	Ass taken place EPM 2362-94
e e e		
AMALYST SIGNATURE	DATE REFERENCE	
SUPERVISOR SIGNATURE	DATE ANALYTICAL DEP	MANAGER DATE

ANALYTICAL DEPT MANAGER

01. - 1-

SAMPLE CONTROLS#2-md-02327	Document 6884-6 Filed 10/19/18 Page 36 of 38 PageID #
J6542	ANALYTICAL CHEMISTRY DEPARTMENT

nelD ±	SERVICE BEQUEST # @
igciD +	34180

REQUESTOR	DEPARTMENT EXT.	DATE SUBMITTED PROJE	CT NO. REQUESTOR'S MANAGERA	UTHORIZATIO
V. AGARWAL	64523 X2205		602	
		1 3 3 4 1 7	2107	
DOG- 2019 (7 YEAR) SAMPLE IDENTIFICATION, SPECIAL STO Prolene Site 2 L- ETHILDIN SITE 3. ETHILDIN SITE 4. NOVAFIL SITE SAMPLE DISPOSITION	DRAGE CONDITIONS, PRECAUTIONS SIZE 5-0 S.C. DOG # 201 G 7 YEAR EXPLANT Bamples for 1 Brolene BSR SUPERVISORIANALYST MUS BURG TIME	malysis recursion of the study Study The s		PPM O ETC MONO COMP
1). , 2019.	SITE 1: IR spectrum	curresponds to 1	Vove Fil	
, , , ,	SITE 2: IR spectron	T7		
insufficient SAMPLE IV ETHILDN SITES 1. ETHILDN SITES 1. NOVAFIL SITE 1 0 Dusufficient SE SAMPLE M ETHILDN SITES (ETHILDN SITES (SITE 4: " SITE 4: " SITE 6: " It sample for probe dig 00 16 .87 Robin Rh mple for probene I W 12,000 21,000 74,000 22,000	" F " " E " E	PROLENE VDF HILON THEREON Jamit F Zi	8/5/92
	77 160 17 -10	2.4		
	Mw Robin All	y/co NB 25	519-71	0
Current Prolene 4/0	324,000 60,000	0	7-28-92	**
Dog#2019 Site 3 Dog# 2019 Site 2 CONGRUSIONSICOMMENTS Comparism of Typear Mo mulecular weigh	331,000 64,000	0	AEF 1R S. L. 34180 2562-94	
ANALYST FD	STATE ANGLYST P. PALIS	ANN GATE	SECTION MANAGER	DATE
ANALYSTISUPERVISOR George Muse É140 206 (Rev 4/85)	DATE ANALYSTISUPERWSON 10/9/92 Caugane No	use 921/	DEPT. MANAGER	DATE

2261

Case 2:12-md-02327 Document 6884-6 Filed 10/18/18 Page 37 of 38 PageID # 182062

34066

ANALYTICAL CHEMISTRY DEPARTMENT

REQUESTOR: DEPARTMENT EXT. DATE SUBMITTED : PROJECT NO. REQUESTOR'S MANAGER AUTHO	RIZATION
V. AGARWAL 64523 2205 July 2'92 16102	
DOG # 2008 (2) PVDF Site #6 SETHILON SITE #5 SAMPLE DISPOSITION G PVDF Site #4 (5) NOVAFIL SITE #3 O ATTACHED SENT TO SUPERVISORIANALYST GETHILON SITE #1 O CONTACT REQ O MCVISORIANALYST GETHILON SITE #1 NO. SAMPLE DISPOSITION BUT O SUPERVISORIANALYST GETHILON SITE #1 NO. SAMPLE DISPOSITION NO. SAMPLE SO THE SAMPLE OF THE STREEPORT FOR IR Identity, a Sample of each explant was hit-presend int a film of the hot steps, followed by IR examination. SITE I- ETHILON: IR Spectrum obtained corresponds to Nylon 6 SITE 2- PROCENS: " polypropylum polypropylum "	ES ES
SITE 3 - Nevatil: " p.ly betylene teryshthal at - p.ly	6. Kingeth
SITE 4 - PUDF: " " plyvingliclene Hvarid	
The state of the s	
SITE 5- ETHICO : " Nylon6	i un ana
SITE 6- PUDF: " polyving lidene Flooride	
all it spector writy the identity of the sutings, inpolated.	
7/9/92 /amt of B	
	* *** *** **** **
SAMIE IV/dlg MW MW	
ETHILON # # D.95 Dog# 2008 Site 2 322,000 53,000	
ETHILON#5 1.28 Current Proleye \$10, 324,000 60,000	
NOVAFIL #3 0.79 Bobin R. Kylan & NO 2519-50 2562-94	′
SAMPLE MW MN MW/MN	
SAMPLE MW MW/MN	
ETHILDN site# 53,000 27,000 2.0	
	2.5
ETHILAN SITE*5 59,000 28,000 2.1	
Novafil site = 3 32,000 18,000, 1,8	
Novatil site #3 32,000 18,000 1.8 Robin R. Raylond NB 2519-52 7-2-92	
CONCLUSIONS/COMMENTS:	
Comparism of current prolene 4/0 Stature indicates no significant PEF 1R Lle 34066 plegradation of 7 yr explant	-
Algradation of Tyr explant	
ANALYST DATE ANALYST A DATE SECTION MANAGER	DATE
1/11/9-Khm K. 1/11/1 (MIXx 19/21/9)	= 100 = 1
AMALYSTISUPERVISOR DATE ANALYSTISUPERVISOR DATE DEPT. MANAGER	DATE
Congre Muse 10/9/92 Engere Muse. 9/21/12	
ELAN 205 PEN 4/851	

ACCESSION 85-219 PROJECT NO. 16102

EXPLANTATION PROCEDURES and SAMPLE DISTRIBUTION

Notify the following people of upcoming explant dates:

Nancy Myirski, x2743: Microscopic inspection - someone from her group will come to inspect the sutures under the dissecting scope under the hood. Samples should be placed after dissection from dog into saline-moistened paper towels labelled with the ERF acc. no., dog no., site no., suture type and date.

(Ann Leibold was inspector @ 2 yr. time period, 6/87)

Frank Schiller, x3040: SEM - An Analytical Chemistry Service Request form must be filled out and accompany each set of samples.

Put the sample control number on the top left corner of the sample label. Make one copy for our file and one to send with the samples. Mail original to Dr. A. Melvegar. Label samples the same as for above.

Implantation (Stef (r Don?)

Kevin Sullivan, x2997: Instron - Submit samples after the microscopic inspection, while moist. Fragments are saved in their respective towels for next tests. Refrigerate if there will be a delay between inspection and instroning.

Gene Muse, x3046: Molecular weight - Deliver moist suture fragments after Instroning.

After testing he will deliver samples to Dan.

Dan Burkley, x3048: I.R. - Receives samples from Gene. Will discard samples when testing is completed.

Explant samples in consecutive order. Dissect both LC100's (dorsal and ventral) from surrounding connective tissue, carefully stripping tissue from the suture surface. Cut one of the LC100's off the sutures at the clip and gently pull the suture bundle through the tissue by gripping the remaining LC100. When free of tissue, moisten with saline and separate one strand from the bundle. Place this strand into a large (15 ml) red-top tube filled with sterile water and labelled as described above. The other 5 strands per bundle are placed in moistened paper towels labelled as described above. The single sutures in tubes are submitted for SEM and the remaining strands are inspected microscopically and tested on the Instron, etc. as described above.

* 2 request forms perdog: - 1 for 52M + 0M + 1R nicroscopy for the samples going to J. McVery Have JOPsign each + . for IR EPC + IV for the send to A. Melvegar. fragments going to g. Muse + D. Barkley